Annex G2

Landfill Gas Monitoring Results

Table G2.1   *Landfill Gas Monitoring Results at Perimeter LFG Monitoring Wells*

Location	Water Level (mPD)	Methane (% (v/v))	Carbon Dioxide (% (v/v))	Oxygen (% (v/v))
LFG1	2.40	0.0	0.1	18.9
LFG2	2.30	0.0	0.1	19.9
LFG3	2.33	0.0	0.9	17.4
LFG4	2.32	0.0	0.0	20.1
LFG5	2.65	0.0	0.2	7.2
LFG6	2.29	0.0	0.1	19.3
LFG7	2.48	0.0	0.0	17.6
LFG8	2.42	0.0	0.0	19.3
LFG9	2.38	0.0	0.1	8.8
LFG10	2.12	0.0	0.0	18.0
LFG11	2.29	0.0	0.1	7.8
LFG12	2.23	0.0	0.0	19.6
LFG13	2.07	19.6	0.0	0.4
LFG14	1.81	0.0	0.0	16.2
LFG15	2.05	1.8	0.4	12.7
LFG16	2.19	0.0	0.1	18.6
LFG17	2.38	0.0	0.2	0.8
LFG18	2.59	0.0	0.1	19.3
LFG19	2.74	0.0	0.1	3.6
LFG20	2.80	0.0	1.1	17.0
LFG21	2.85	0.0	2.0	9.7
LFG22	2.62	0.0	1.0	16.3
LFG23	12.52	0.0	2.1	18.1
LFG24	6.33	0.0	0.9	19.0
GP1	Probe bent	0.2	5.2	14.6
GP2 (shallow)	Probe bent	0.5	0.3	19.2
GP2 (deep)	Probe bent	0.2	0.1	19.6
GP3 (shallow)	Probe bent	0.3	2.5	14.4
GP3 (deep)	Probe bent	0.1	0.2	19.3
GP4 (shallow)	Probe bent	0.6	0.7	19.0
GP4 (deep)	Probe bent	0.7	1.7	17.4
GP5 (shallow)	Probe bent	0.1	5.4	16.8
GP5 (deep)	38.80	0.1	0.3	19.5
GP6	37.19	0.0	5.6	14.4
GP7	36.21	0.0	0.1	20.0
GP12	1.83	0.0	0.0	20.1
GP15	2.34	0.0	0.0	20.0
P7	2.32	0.0	0.0	20.0
P8	2.44	0.0	0.0	20.1
P9	2.26	0.0	0.0	20.1

Table G2.2   ***Landfill Gas Monitoring Results at Service Voids, Utilities Pits and Manholes***

Location	Methane (% (v/v))	Carbon Dioxide (% (v/v))	Oxygen (% (v/v))
UU01	0.1	0.0	20.7
UU02	0.0	0.0	20.7
UU03	0.0	0.0	20.5
UU04	0.1	0.0	20.6
UU05	0.0	0.0	20.6
UU06	0.0	0.0	20.5
UU07	0.1	0.0	20.4
UU08	0.0	0.0	20.5
UU09	0.2	0.0	20.1
UU10	0.1	0.0	20.3
UU11		Inaccessible due to on-going construction work	
UU12		Inaccessible due to on-going construction work	
UU13		Inaccessible due to on-going construction work	
UU14		Inaccessible due to on-going construction work	
UU15	0.1	0.0	20.2
UU16	0.1	0.0	20.3
UU17	0.3	0.0	20.3
UU18	0.1	0.0	20.3
UU19	0.0	0.0	20.7
UU20	0.1	0.0	20.3
UU21	0.0	0.0	19.4
UU22	0.0	0.0	19.3
UU23	0.0	0.0	19.3
UU24	0.0	0.0	19.3
UU25	0.0	0.0	19.2
UU26	0.0	0.0	20.1
UU27	0.0	0.0	19.5
UU28	0.0	0.0	19.8